

As a below named inventor, I hereby declare that:

My residence post office address and citizenship are as stated below next to my name.

I believe I am the original first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled METHODS AND KITS FOR DETECTING ITA IN A BIOLOGICAL SAMPLE the specification of which (check one)

☐ is attached hereto
☒ was filed on 07/30/2001
 as US Application Serial Number or PCT International Application Number 09/918,299
 and was amended on ____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year Filed)	<input type="checkbox"/>
<u> </u> (Number)	<u> </u> (Country)	<u> </u> (Day/Month/Year Filed)	<input type="checkbox"/>

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

<u> </u> (Application Number)	<u> </u> (Filing Date)
---	--

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365 (c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Number)

(Filing Date)

(Status -patented, pending, abandoned)

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Donald E. Stout, Reg. No. 34,493; Frank J. Uxa, Reg. No. 25,612; Robert D. Buyan, Reg. No. 32,460;
Kenton R. Mullins, Reg. No. 36,331; Jo Anne M. Ybaban, Reg. No. 42,243; Linda Allyson Fox, Reg. No. 38,883;
Kyle D. Yesland, Reg. No. 45,526; Quan Nguyen, Reg. No. 46,957; Greg S. Hollrigel, Reg. No. 45,374

Address all telephone calls to
 Address all correspondence to

Donald E. Stout at telephone number (949) 450-1750; facsimile number (949) 450-1764
 Donald E. Stout
 Stout, Uxa, Buyan & Mullins, LLP
 4 Venture, Suite 300
 Irvine, CA 92618

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor (given name, family name) Murugan R. Pandian

Inventor's signature
 Residence
 Post Office Address

M.R. Pandian
Mission Viejo, California
27432 Alameda, Mission Viejo, CA 92691

Date 11/2/01
 Citizenship U.S.A.

Full name of second inventor (given name, family name) Julie Y. Lu

Inventor's signature
 Residence
 Post Office Address

Julie Y. Lu
Mission Viejo, California
26255 Buscador, Mission Viejo, CA 92692

Date 11/1/01
 Citizenship U.S.A.



UNITED STATES
PATENT AND
TRADEMARK OFFICE

A1789

JULY 23, 2002

PTAS

STOUT, UXA, BUYAN & MULLINS, LLP
DONALD E. STOUT
4 VENTURE, SUITE 300
IRVINE, C.A. 92618

Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov



102101265A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/20/2002

REEL/FRAME: 012912/0018
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

PANDIAN, MURUGAN R.

DOC DATE: 05/01/2002

ASSIGNOR:

LU, JULIE Y.

DOC DATE: 04/29/2002

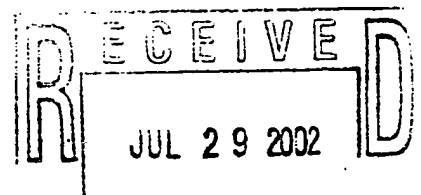
ASSIGNEE:

QUEST DIAGNOSTICS INVESTMENTS
INCORPORATED
300 DELAWARE AVENUE
WILMINGTON, DELAWARE 19899

SERIAL NUMBER: 09918299
PATENT NUMBER:

FILING DATE: 07/30/2001
ISSUE DATE:

SHAREILL COLES, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



RE

05-23-2002



EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commission

102101265

attached original documents or copy thereof.

1. Name of conveying party(ies):

Murugan R. Pandian; Julie Y. Lu

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Quest Diagnostics, Investments Incorporated

Internal Address:

Street Address:

300 Delaware Avenue
Wilmington, Delaware 19899

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other: _____

Execution Date: 05/01/02; 04/29/02

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s) 09/918,299

B. Patent No. (s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Donald E. Stout

Internal Address:

Street Address:

Stout, Uxa, Buyan & Mullins, LLP
4 Venture, Suite 300
Irvine, CA 92618

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41).....\$ 40

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 13-5135

(Attach duplicate copy of this page if paying by deposit account)

OFFICE OF PUBLIC RECORDS
2002 MAY 20 AM 8:05
FINANCE SECTION

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Donald E. Stout

Name of Person Signing

Signature

Date

4

Total number of pages including cover sheet, attachments and document:

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box assignments
Washington, D.C. 20231c

5/22/2002 6TON11

00000218 135135

09918299

1 FC:581

40.00 CH

WHEN RECORDED, RETURN TO:

Donald E. Stout
STOUT, UXA, BUYAN & MULLINS, LLP
4 Venture, Suite 300
Irvine, CA 92618

ASSIGNMENT

WHEREAS, we, MURUGAN R. PANDIAN, and JULIE Y. LU, both of the City of Mission Viejo, State of California, and have invented certain new and useful improvements in

METHODS AND KITS FOR DETECTING ITA IN A BIOLOGICAL SAMPLE

or which the said MURUGAN R. PANDIAN, and JULIE Y. LU, executed application papers for a patent application having been filed on July 30, 2001, and assigned United States Serial Number 09/918,299; and

WHEREAS, Quest Diagnostics Investments Incorporated, a Corporation of the State of Delaware, hereinafter called Assignee, having its place of business at 300 Delaware Avenue, Wilmington, Delaware 19899 is desirous of acquiring our entire right, title and interest in and to the aforesaid invention and in and to any and all Letters Patent therefor granted in the United States of America, and in any and all countries foreign thereto;

NOW, THEREFORE, TO WHOM IT MAY CONCERN, be it known that, for and in consideration of the sum of ONE DOLLAR (\$1.00) to us in hand paid by Assignee, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, MURUGAN R. PANDIAN, and JULIE Y. LU, by these presents sell, assign and transfer unto Assignee, its successors and assigns, the full and exclusive right, title and interest for the territory of the United States of America and all countries foreign thereto (including the right to apply for Letters Patent in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), in and to the said invention as described in said application, and in and to all Letters Patent granted therefor, and all divisions, reissues and continuations thereof, and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all Letters Patent on said inventions or resulting therefrom to said Assignee, as assignee of our entire right, title and interest, and we covenant that we have full right so to do and agree that we will communicate to said Assignee, or its successors any and all facts known to us regarding

said invention whenever requested, and will testify in any legal proceeding, sign all lawful papers, execute all divisional, reissue and continuation applications, and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper patent protection for said invention in all countries.

Executed this 1st day of May, 2002


MURUGAN R. PANDIAN

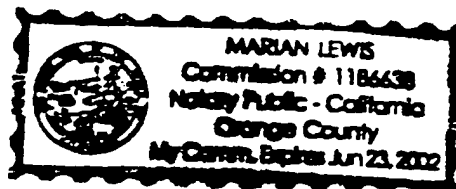
STATE OF CALIFORNIA /
 /
COUNTY OF ORANGE /

On May 1, 2002, before me Marian Lewis, Notary Public personally appeared MURUGAN R. PANDIAN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.

Witness my hand and official seal.

Signature Marian Lewis

SEAL



Executed this 29 day of April, 2002

Julie Y. Lu
JULIE Y. LU

STATE OF CALIFORNIA

COUNTY OF ORANGE

On 29 APRIL 2002 before me PHILIP J. HUGHES, NOTARY PUBLIC
personally appeared JULIE Y. LU, personally known to me (or proved to me on the basis of
satisfactory evidence) to be the person(~~s~~) whose name(~~s~~) is/~~are~~ subscribed to the within
instrument and acknowledged to me that ~~he~~/she/~~they~~ executed the same in ~~his~~/her/~~their~~
authorized capacity(~~ies~~), and that by ~~his~~/her/~~their~~ signature(~~s~~) on the instrument the person(~~s~~)
or the entity upon behalf of which the person(~~s~~) acted, executed the instrument.

Witness my hand and official seal.

Signature

Philip J. Hughes



SEAL